University note of Brasil 19



SUBJECT\_

No. 45-4852 (S-1812-N) END OPEN · 7¾ IN. x 5 IN. (19.7 cm x 12.7 cm) · 80 SHEETS · NARROW RULED

VERNON MCMILLAN. Inc., ELIZABETH NJ. 07208

AMAZONAS, BRAZIL

## AMAZONAS, BRAZIL

Cleofe E. Calderon, O. P. Monteiro & J. Guedes

Collected under the auspices of Instituto Nacional de Pesquisas Amazonicas (INPA) and the Smithsonian Institution 2867 Arthroxylidium 2894-2910 (2970) flowers. K-177 (B & AN. ?) K. 190+ K. 209+ K\_210+ K, 222 (2 a 190) permen -K 236

2867 \_\_\_\_\_ C23/4- culius x rhigores-2894 - C23/3 C, brank- rh-2910 - 23/6 cjbr, rh-2970) K-177 (BOA?)-23/10,62, K- 190 K\_ 209 - 23/1c, br-K-210-23/6 e, bz, rh-K. 222 (q. \$190)-23/1 c, br-K.236 23/1 c./57-

BOTÂNICA	Nº do coletor: 893.
INPA MANAU	5-AM
INPA MANAU Sigla e ender	eço do Herbário
N	ome
Fod	ereço
2110	ereço

love nais informações sobre etrados des Voilo Velho Secretarie to Planejamento to Josevno Senetarie de Obras-Eng. Aldemis Juerreiro Vilar. Cuitorio do DNER en Melho h fampaio tel. 3815-) rote endertes de engeneiro

blastos ( for the 2 · lossel de derane Pten Applyte teliste fer julik Plensoffle Pten 19 plyte fat front ol

Digo: 6 2845 Aldren Leads seglage Alpo in apper or joyes Terretrial, well, kuch \_ narrores. - Huers it's the rouse Doubo 2846 collected saily 2, 2828 griedine but then with a reg not elup of e Enert delises with inclass Le spickes stoot a the FAA: Bul & leas (21) (not hue is the nove as things a stulling water) Photo i for it whis the clisip one collected jeten da (12829). Thicke Loss poor light) up to 3 cm, starting as rules of long that I'm x chech the BXW ploto: Rul # 16 looks like west said then ariting is a mixture of this Justo only the ser repet, stout 8 m hall this one collected carly Beat fil whigere (collets) Horing the incess of fine South celus, AMO some white var ve Jof lech lof ! solen ty. April - w

Rolling to 3-km of the ville JUSI Legemin Colprin. - lama fall hel, el tim, mitt Muscese Inite golf, of edge of haid fort of the stop was to be a stopped the aface (V. of wife 285) (unicum) free. Another Sideres Humbre as 2848 1 Bythmerie? of fourt . Places gellow green. Sell, ce 150, without orape fruit Willander Solamaner Theghrotauce 2852 Clarife full tree co 5 mm, with gry Photo co, 80 cm. neas ipanajo, like a voulle flort. Inthe start, They thought like flore soull, il a racione

Condenses? Zing. - Mutiqueal tell that will white flower stands, ee. 1.80 refer from stands for a figure of iponojo Racia of Prancer Tree, co. 5 um, mitt fuit - Acomphocese V Mikaceal Hand ea, y 1, 20 -150 with large fort, white will faint phot of notet unide and one volet line or soil feto filme askanen Borragineure 2853 hairs on the wifese. Hores (sipless, 15e'white) 2859 Hear Haceal holest florts, ey, to 1. 60 x+? had of inflorence tark wine sed flows gellow & When fole inong beat flowers or lof the mo FAA, Stote wis

Herentrause 2864 July 16 Mineração Just only for fourenes, 20 km NW Sf so men rela. 2861 Mutirecese Kutherse Metrodorea flanda Krause selbye Hers, mean ipanage. brait. 2862 Lefurin. Mapila. 2865 will lage of first, planes notet Voltage (1.50 m Melestrastaceal Caparlis Miconia eriocalyx bogn. Santear elpe of forex Shows or all the ce, 2-4 with got fut.

Hrthrostylitium At Mingle Sian files: lots & by wh\_ Very gon population, man leas: FAA plat fred pololly 1002 bull chypos 2 Jean ago, by one or 2 fen in pureas los of men parts in of tages short 3 m log. luch leaf with event black, at least wie Joy & i men stoot There be has type. We part a gez old dem any culing about land So bully with mall Lole in cets. Verer all modes with last no of hall in a har centre one sight of thick Recine? dees veg deline decine 5

Préparent 2868 west or also like we I willed tole in 76 polony Storp, but the out of Shul, ee 1,70 min forest in fly introder one The 11. 20 about (118) Marantacese Thick branks, startyp (x) Florer Zellar, uniam Jew at efte + 50 foto rebrauch they to not ! July 17 por mine, the word pw of Mutunparone, sens Would Alodes of when with of this Moderne, Mineragon God of hairs, retween The Moriso - ce. (17 = 27? km white, willy o mostly -11W of J. Lourenco) led steels reliet vite Merostachys freat will stone Shade my decitions. Very athlast, nother the stop plats let sey toll of 68 m? + Aurely days in second ful, toll, Les vie bonglement res delies ou foret. It look like vone W. J willed in belie , in 73 interest, stating for ad itthere Stitle the near fluidin, ( per godi to go som right to the has regarde forglis

Pten: doppte 2871 by land Seaf world tall, teliale for 1 www. sow - eo co Selly 2 Shignes, 3 all Pterdoptifle Hog lage flet, ng 6 July 18 2873 Thomasino, hood theter persons to Mineragos die Lourenge, Kom E of Stank Baintura (Guadus) cobra! Thispone on long, monopolists with some sook segurate For 1.38, 174 1.83 mil July was by a loger of soil & day leaves -

Very suremal Sunders, paring Leaf wylene / lage and sel reporded for each black also lape, took like onthe, not foreign clups fuffered on the abouthite me cul + close as tel leaf decidios co 30 m Strathy ment swat seems sa for a fait, no spill 1.74 m nevel swat seems sa to 1.83 m. The Seelopy sain sa bulin very thong and I solid we foul all leave moin al ad no he ford the long till staded. Veg freth all the way for son to the stage to the midge of by) a thip own. Bhoto Ball a loles 400 Eky nooh like Spine of this and for The sopre sare ( & Im stat become fully nothing? 2 log main book while above posse of the he short internale, al and broth wylet State the all with 3 keaff wyle at or FAA! leases only sail or me ofines (soll) quering on low thee first locolete notte sono but sense, like comodi type. I me are mines bloke Teas from main Inthe a Mentocky of (2874) only on 1 or 2 soll breeze or tell eaufine lateral to the main These

Mentachy and the state of (same lock) on Sucha Seculiarl Mentaly Joning Colored when the can song deus large cliens. in low leve fret mixed and the second second with souther, Alo mined The weeking and the with the se sky rark qualing About 8 un toll & ben to 10 in fion + Hong this, prapil who se I softed surface, m'the and , in the world with apo ; for upps with and In findle or thick my or hours leile leaf advides with Stole reliance a colucine Very yew new order rear Many branks per vode grantes, Leaf confert median-moll, talales marrow, plasses or little a perous a higore typical, & Level John Fife

Bulky high o, al Bulky high of all & block wasternet Photo: b x W x Eh. 400 -me de and the sound from Peper Deline and the state of t -

Julie R. Negro Rio Courismiani, Inion Sara Fire Ros Esta ecampine Let. Nero Lato Roldiello of (tarle leves) On Serre to hear, no Mrubin, of Romane: Ris Maricoure 1876 A Surucucii to Maice Roddiella , te de leares) A rai Km 115 growing in mores on rock force Rame J. Ross Aug-75 The Mruber, Mandens-larage at elle spares

Roddielle of (tendestears) R. Negro Rio Curicuriari, In. Proce Rang Roddello of (teste leas) Serro do Luca, no Mruber between lackseize Traceuna e Natal. Paris June 6, 1862 however his Atranicoeira micinity of waice sirstup Surucucio to Marco Roddilla teste lears) aro Mrubii, Mandies-laraca. race Rm 115. frommy in prance 1. Ros Rug- 75

An Minio Music, between Manage laracarai and sefore sifurestion (about 1/2 work for was, near wire - to hue-- Organi leal - Epiphyte, or heer at edge of rive, foreton for sach Plovers Amondeel fort states with funt in dates. - fourscece In flower, there sa 4 m gaing at edge of vives, periodically inhudoted NN

Pteri doplyte Presence Epiphyte, on jout at edge of Epiphyte on trees of edge of river Sirapinguese ?)n 2883 Acan the case Strick, near edge of nines, white I full plat M pole liles flowers Virola peguminose. The start bun, couliflow Melianos florer saight red with me Jetal, till we jong, turing your, with perfume. red as the vert when motion? me with gut.

Ministracese 2855 Aprimocese L'anthera conacee duche tree ee 6 m. flores alse of mes Missible asset & Flavourtraced 2886 2890 Cascario of. - Legum. Minura delle Shind, ea 1:5-2 - 2 reg gange places buds I ree co 7 m. florse, ereo Alle across soprelaced 2887 tree ca 5 m, flores into les persees genge setreer rock of ne sere so vio florer Wite

Jegumindre Golpin. 2892 a the gentle stops my to the top or ploteon where it's scarce like aftolde or Lesagenes. Plats mayby friendl tooking like a gong population, Les there were tolles and in some spots a motion dump with nine like werting is to am high Sapindouee 2893 and culin thicker the Bate or little mod, Sit be the 100-Tree co. Tim wife white places, (buts 3 viegos)-Merine It thread like and when he all less a look like He whole that sharp agender like Seleno, cultipor heartiposta shi 2894 Aug. 1st. Coulem least all afferen (dicha also) - Lacacarai hoad and ferre to a collow pulninger on the boch estlow phrimae on the both Lua. Hear Jerra La Luc near the base former edge of thesh with Arthur hilytim. a crown of stiff, early bairs, white and tich in frompo loding like Deatiful, delical Delo a ring of triangle it a tec Allet in soi prex I plent all the verlappy also of the Are was wood to Tracema sheet with lay, appeared hair Down vire is ele und asulay a Oval reter long & coffer color, Seen the dominant plant who the long bloke breet, long ! country on both niles of wire and about 2/3 the length of sheath

semile fully narrows to pup 2.1.

The top of sheath. Very coducion has Am Rio Minister, Letree backling a fellip reg now. Hanow Managerial Knot and markly a fellig seg we. brough confletent of sered tene to Tue. the rite, of of certs farling of Tomassa yman this . ? The sone of main hand thick but Soving on why a ralling of hires + on indicated back the not very thich (the wasne) If Leaf conflement a stade, in itself sull, States warre werter selicate fer like gologe makes (22) result on the fitter pod with 2 beaf englest and or to Pariane PAR: leas letter lette on a 7 1/2 at else of norty cliff with bulky material: whighere, fresh a gorneshes 2897 - Acouttocece I full & delicate st elp of we figh with sand working deft florer vite with me spots pole lile - FAA. U. & flowers Of Loton: after Rolliele, color

Pariane 2898 Phenitophyte 2902 theiling faringere, it inflingere land on nothing force of stated. (with along risk, searce, in the plan) Pariare 2903 - Hendoflyte Angle 1 talle, at the (22) I tall ferm on noch al Conference Ruhacese tell, at hide leas foll tree, short brun, florers lila nos, elpe 2901 log perseese thin leave, i fl, racione

2905 Lymanshithie Jeloginella 2908 lower on rocky former wired with bollielle, ferment. full plats garing a roll Joshin & Juan fle other, to collected some day this we eno more for 70 cm of 2906 les \_ m21 foranthouse river, Flower Jack finh Rossiella mana 2909 US, K, MA NY, LE, P, WIS Aserdant, framing on nothing Joes of with stodye of mes færren mins, ferns Hanthacese 2907 Jelopuelle, Afularty floreing flest seg mel prome! Florer prip - lite fut 3 km a les, some trailing - the water biggy

Anthrodulium of 1 1st. 9/10/28 Shorts hope with head feticle song at alge of wie, all fer or all onde of cell in sire to the fer of cell in the state of cel - ots rest). leising south a phigo e without The directe all fort meth, (regle type) But derely and leavy a Wheth all were this ore spit - a bullen with mall hale but hear persite of old to the wall of almit reduced to a ser the some to a white a I all, event fort is trapped colds. Steell mosth at how PAA: 2 less, a sudy-No sew stoot rear Sully m: Migo er cul lact start 2 mg Slot wyland so start francis, on loves fort I should, the I date, center downing not much), It in the places 5 hartes -Deep complement large, many leaves

Any. 3 2911 and mall fune when Bankin? (16) replace sompley (11.28) - which but the 12 mith A office?, board to may fifth ( look like mall hole, what it's - looks of the tipe, bee, tryflower like to ofted. 10 se Note with upper but in tetout all are in wille marked book Loel cles from ox South in no differes else of nice from the is that broke fire one phiodically moderate on two on the ride. Sport the some for the between when when Sport the son of the feture with the of Wing southing from a revelobleone, toloke bores curred sil vay a long, & warrow, has level seeth log felicles a log with ord theath most, Black a Wes wort forder, 2. long reflexed, warrow when sey try out, tory, willy ord retal 20th (2 v.) lear, files of when a leading ord retal 20th (2 v.) leading the color response, when response, bout not reg loop, thick wolls we plent

toulet lote about 2 loves Auf. 4 Din, Phio Mrubie, co. 3 Lovers Hom pe nich, where floud not self toll ea, 68 go from Manous - The Careco. Frai wad III (Autorima E) Søfsflite, med, elp dring, inte 5-mesons flowers. 1 me and the 2 Accleptatorese 2913

Misting, Fresoluno), exitor que

ripher. 3, sue, este offices 2 a sur policies de things on he rear elje Pteridophyte

tejeeninge Millett 2918 Symanswithia 2915 Tree up to 10 mm placers
white, amon allog river Early to the flat, F.A.A: leas Wirola elongato (BHL) Wars. Onzenidese full tree, co bon marrow Efifte, flores green vhite leaves, 3 heutibulariacese 2917 1 fefurinrae Miculana Sapopyte, no leas, florers indy. (Inmer n 11 2 put.) Ormania? True, ce. 12 m. Plowers pinh

Aporguacioe 2921 Virolo, elongato (bth) Wars. orange sellar fruit, at Ind the sately of river Myrstieseese 2922 Legeminisch Colp. 2925 Virole calophylle Warb. 18 perus - Tree ca. 12-15 m af elfe Alak Fre et elge of wolls of river Plovers white. & lon betoure 2923 Cipo on the of ely of ming of the day flower two Mary Mary Sales Laborate State of the State of

Aug 5 2926 ane time a per one sont, and then tole reflect tong Am, Rio Markin, Sefren Manon orad setter silly and custed whe Water Folls. Cotont 2/hl & both of Mettle, From above 1/3 from poul that brody, one (Tatoro?) n. sp. - (pering) South per mode I Teternoles a nother short and mot all one elementely of nices 1 the back - forme abouts give only brown with some wort francy and also seemed ment stoot as complement of 1, Wong leulen preate peritert, when a stille end of short as Sie two mall brake aly very young lover in places on Ed lands half conquests costs I flor head of prendorpheles by affrence from grant a Sich, Head of preship day Obdies. Whe steath old Hay want of them fall below thought and flexille as frontes for more the anoth in core offile with more met exit by eured on the lairs only or the edges of line sou and anding doly tree, When janglowlen gills on to . The one soul flow has in certs with fithe well a eye look what set cores by we the thick, when old the Louis a hart when it whe cula is follow in clube we plex -FRA: Hove, lear & Suds /3V blade of alm leaf dong and reflexed, late dea Auon a fre per of orther work but in new shoot my the Suly - (no pot by of fan

Lymon The 4. 2830 Malfighiaceae Cifo over the st sex of mes Ahlout on Sear of where with fix one, both on thursdia. FAA: hole in floren. 293/ Legem. leselpinitee Soferdacese Swartzie? dires True ea. 7 m slop niver. The stort 12mm, with florers, zeller el Virola elongota (BH) Way 4 Jefanne Kinswike 2929 The solved 9-10 m. day Tree about 5 m

2933 Dios co repease - Christosala nouse 2936 Minting ver tree stalpe As Tree along niver, co. 10mg Lofa-seese & 2934 Tree about 8 m salvy plans pold jellow elge of river Anjosolevance 2938 fapotaceoe 2935 True alog wires sebort 6-7 a True ca, 10-12 m with my mill

2939 Aporyousese Sutiferol At the stell spines tree about 6 mm Augat. 6. Am. Rio Mrusu texpres lle some & languages hood n flowers the gellar about yolans segod getteles-(1/3 hors for co po Moraceae Coroma The st elp of wer - Organifese Jellow with book sots, Christolanocese & Se louportiacese 1 Liania frell tree a 8 mm at offer Shud co. 1.5 m. Planero. of water I sel my florers Lesemin -Doiles ? 3 Andepadouse 2948 frank of flowers like ellity over true, inche contriné. Lepum. Minraitese. 2946 Tuga - Burningesee Tree co. 6m flowers white fell True about 3-4 m. Loll inory planers we will be to will and

Scott Mori Elaeo Carpaceae perosportation 53 Vien the accol Ternstroemiaceae (Theaceae) Casomba , at Myrtaceae Plosty on mote near note, Lecythidaceae foll , standar, jelle ? 954 Kyndaceol the holl for on & Podostemacece Acuratic by the wats foll, leave to south of policy water water

## BAHIA, BRAZIL

Mun. de Mucugé, Serra do Sincorá, 29 km S of Andaraí on road Andaraí-Mucugé. Elev. 1050 m. Common in plateau, near top of mountain. Forming dense, small clumps in sandy soil between rocks. Flowers light violet in color, stamens and stigmas bright yellow.

9 May 1976 Clcofé E. Calderón, Talmón S. Santos, and Lyselson B. de Oliveira

2415

Collected under the auspices of the Smithsonian Institution, National Geographic Society, and Centro de Pesquisas do Cacan (CEPLAC) Held It silleton Heletmakerese Vien the sesse Micania pubitetala Casomba I full tree, about 4 mm, at Plosty on mote near votes edge of water foll of sebendary, get & Eriocombourse Xyndousel Tonina of flunatiles Audl. holl flot o Agustic, ore north of the vole foll, ( & Podostemacese Acuatic by the water foll, leave the Expirite on Thee, below water water.

2959 Envilaceof Organi Jese son on sol ver stores porto in the son for Myrsinanese 2960 Eniscanteese 2957 Arborelo of 3 m high at Juding on net rotan by the notes fell (my mel plat) Lesemin Cerolfinsitese 2961 Fratzie. Boneliseese nv. "sasoanano" Trois jull ot eye of

& Coricareae 2965 2962 Milathomataus Aciotis mocoso true et silfe of wells. Plovers Jele zelle perfument At edge of ifange by med med the white vitt stems lill. 2963 Organidese. Horers. mell, M. zeller Heigh 7. An Rio Ususi, Setrem ferro to Kuse a carosino de trocema mates foll About (not per for cong. night side. Well stone well with notes raining over Attriblydien of. bombacaceee Very atudout formy I all tree at edge of bes on said or doch sop All flots placed I the most ( state lots ) that of the water jay, with comis fries till attached few with 2 shoot for

2968 Arthortylilium 2970 Still one got of the fort of Sell tree stalge of note with my your flower buil, elpe of vines with 2-3 days of Molive flat, me o Moto in flores here a there that to fil grate in flower to the state of the compet on Lowerson The fall foil sonly white betier who a sentiful Epiphole on Tree of Florer like fink. work wall will wall truly alog it. Plat due oliny & hopy from trees polosey ablase to 6-7 m total Molare only Availare The les to Ich in diam. to e took shows by On rocky wist slope by a first spikelets remile but hard to we any complete a jong-FAA: floren no plotos It looks the same we collected early up shear in the first reading and almost everywhere

Legenine Holl tree with beautiful fish flowers on the stem Some on high vives banks "Herro Jisne" front Well tome touse & Buttifance Miconia marginate Soul ca. I am In pret at · laraipa edge of me, terre fire Tree ce. b in at elg. Times Mores with lite feld a may tame, Petal, folls my the conty Cyperacioe pelatonotacese Miconia sugasa grand in 1ª forest, "terre fine along nice, Donntin fores Tree with six leases es fike of fole fik is a of thathastigtin Formy lkip ellups. Athrostylidium

Plendoplyte pl Rio Mrisi. Setnen feno to fout alog iparage, tributer Luc & Fraceure hate fall, igange Tributary with well gold-1 tendoptyte Alberta Big for ferm artiret type, about 2 in high in noi fout of eld of ing rage tributary of with I - Pirena Joellie 15 In vet forest along upanose Hentoglyte Selepinellows 2978 mitt noch a liver slope selepinelle ! lover i net freit alog Wil guing with peris me theor tubulary of man fler in flores. mores ( tipo Sellemente) PHI doplyte Melastomatucce If if the file think . hund in rain front along streams Agret slay upperage.

Araceal Zing berouse forithe flate win in periparane, (se ne n° 2788) Jøring in terra firme forst vis phiparano, Florers red Ralliella esenbeckii 2984 ( Freed.) C. X S\_ African on who stalpe 2985 toundare of rich new ipage of vole fact Anagen Ries 12 aver and Hanay July betned mans. FAA - floor & lanes afort 1 hours (2) asore Manay 3:1- " " " Melen sigle sourbors, ee, 3 4-m vneter rice, to Parana 1/ 2985 buln with thick wells ale tale of K. ? or it pot about 0,8 - 0,9 cm tramet leulen leaf Matte pars stant persiting late in place All plants flowering. lock a al - Aufg 18,79

uaca le as mali do fozoni deino e também o pai 

Augh 30. Kc 79-66
Bandus (Sustine)
Am. Rio Vigro Igorape de Jaraqué entre Manus e Argus polago das Anavilhanes Jong ved the edge of risks in on refet es 5-6 m, Com myse a few with thick walls, org mall denne inside I stol region with white bounds whose & telow hours ridge - Very spring Sousi 7 lane part of culsus strop & curred but short of heloged studes in synchical fathern Hore mille when from the stant beloking the seardly frate show a willotterd de boing only one side of mon axis flodore sered og, the ages will only I spine. No mer stool seen, but

Sept 3, All orlan wheath found with front : bloke penito y west Triangulas. An Rio Negro, right bound, Stall of policy leaves 2 lours beller Tapumenana media moll hadrolile -· Bitis Temedani, position to be a facility of the on faithe sudorope, the a most to the second and down the long - 1-2 to 12-1 frie, igaso Mel March March March 1 flet de 1.40 Frest ille of a live and I was again but The one willested in the and the same and and dere in the same Mrusie No Till Company of the State of the same and and FAA: It. & inflorence the transfer design and the and the second of the - All with the state of the K79-127. tare loc. as before and the same of the last the last sol next by feft, 4 The same of the sa Panicum y. of me and the said Joseph in the beach with A see I was a see the bistanlacese and leggeracese I The said was a first of the said of the

Jept. 4, 1979 founds. Morner force new stool for Sanfuel Am, Rio Wegeo, yourage Dava near fainte Fastel (Tapurucuare) de fals colleted neds Manars slop isancle tall clu Bully notarial: intereste a brook colfletely in one bul conflement. leany or repetation, up FAA: by & politosphe. to 5 un +! Heavy walls with soll lake cets of iterate: tempore · We sow this south als fring snoots, toda Flewill a in flower date ment to noting short - ben han In the ris Canaburi, Total to 1, 3 cm 2 lech short - founto Footel. nother persistant or late Lentury, flote the lace, of ter spine on one side of front conglement. Heated & Hich & 4-6 28 Planeing - Top boundonshe lets, At ship gona differences in left, proceshed Not may 2e feutopheles

79-136 test 5 79-140 An, This Megro, mouth of no Caudburi, atol to to Affin Megro, worth of red Josef (Tapurumano). Chamburi stre fallo Latel (as 110 km store Tap.) we map. (Tapureson Dens Piresie typengodice Johnsonthe pariedite Allet down on terra frame Diet, will, Edge Jun Terre firme forest ... of no Viero. Mostly all in anothe hit sy of Commence fund in fl. FAA: lex wiff - 79- 159 Eragrotti opthora tame loc. 1 Cheach were with speed the mp for "

79-177 lachoeire to Butu no uparafé Rivatabuara Bounders (Jurodine) (?) V " Pinaiasuara his Negro, meas worth of nio afferente to Cansicuniari Swing rear the edge of nice, rottle thall demps they archip over receptation my to 20 km or work, no spine intervoles andthe, with Thich walls, willer in cets. Flerioles rottles start tert lead prich, mit with sout in array A Stale - FAA COOL. bully: other piece a journale, } 79-1891 = 1891 PMS, 19 PMS, 15 tople of Producte (se techio ?) of the hors his truncamany Am (Rio Negro) Forage Piraishue - Arthurty li Licens ra, triflutaly of the long businesses to Some in low forest on Buter will wear alpe of nie! Aluste from within by the limbig Spenting obudant notes fall growing betre and the fount over trees & mone & some thriculture of thuts: below my beliebte In some flows it is said thin, frotally 60 - 8 m 1 & what is word, but I yeary asperous toll lead in hope, where is seemed to with evert & Stale. and thorties or why for Foliage felicate, blooke start 20 h or more a noword , that donce the Very relieble, thin leave, to Logh like the one collects Plate i sel in flower. Thousand in the struker. the trailing flat on + ille moted place ? beautiful! = FAA: LI-Bully notinal: fines of culin. formy carpet or large you feer also in vous pariet garrenter? noll, sidy the ipaliage Also goons of sound awil the FAA! and I not but

Lept 8 K. 79-209 79-191 Lept. 9 Pariana. A Phio Marie, eo. Am tours no Couriemany above month , men village of Macdeta Athrotylitium. Aturalant in low forest along ning, on samely will fifted the thing been too govern in near the edge, money fout on high south alon flant need but felt one vies, with sauly will porton with florers bules this, be ther I'm but strong a planithe ores FAA: It a milouse. rep. x trees & 6 m. Foring I large, there dens along I was time Tuterwile a entre leave very on the Fiterwale, with thick Walls a andle bollow cente. leulin leave, very moth Tribular milth no externo Vembersation of State of for inte ren the x. Blake ludy in the lay theeat like tip-Jeans nothe large (nee lote Shooth rolley persotent

test 9 May to man sin of broken clarplant in & An Rio Mourie, ee 30 la They a flot) a lost mouth, mean the toldeine, alove village of Jan sondry con the mon Macolete Bexis 57 The G. P. nemarine es Athentylitien a thick bed, and bothopy beautiful sine like bounder Amothe Seantiful nine who ( but first diditte want steer of some son too, 7 mp. of the range of Attent, geme cotheted early in the to the out par from FAR lears & ping of cul Auf other place. Howelent on high wires bounder in the belly: for a citemoslywil fout dop wises. ipp type, Notolly (b) A) shock by the high to be of river on the sainly read I stronge, and folle Athenty + 12 m or more slinking & hoging - Veny "lisa" type rely la jevel tell or, other & Jewla sheath , it's like "tirisico" (telene) bela leads nottes ferritay ( the same for the other, the)

of late secitaine until brooks to piers of culture belof bul leaf after and long tribula in the no libercalia & sunty Glode fisher the stand cone in the flowing Arich and ord site; some will of leave ovelopip, afendence like exposition to the land ling mit a college like Atrack bulen up to jen or little les strong a flexitle, with little Lold in lente or andre in Joine parts. It's seem to folice mod frails x 6.0. Than the other of leve cate stilled with pithing wome point of plant We son this bountoo in seen love along the risk, blowing on the rife offerite the village ( night south Thacks) Ends here of colon & kush

test. 109. 79.222 79-211 tept. 10 Am - Rio Marie, ce 35 h A Prio Marie, ea 40K above mouth of wires about month of nines (ifferage near children (original to the K store cacherine relan village) on right ride of wier lopprite to village his (Clye) longifolic type have clups give in the water of ipalo, jumerse fort who I a mile x \$2.5 Arthur tyliling my? an aerist, surpe little tome of as the first the below to be plovery tree of the being friends, up ( when some for each but the firme All plats of the state in the series of the state of the FAA: le a aiflore log, thread like rog the steuns, like Atroctoutle The attendent like thouse the torolly compressed

læge, mit 23 plines - 79-236 Lest 11, 78 shorts at sae, de story the the spike mo of Arthrough sium exterior of main and and sufferent sphel. I Am. Rio Tea, 40 Km above mouth gen well ferelyppel. "Bacuri" millage Alletel a not of a of and for hersen a lome at elpe of ries, in Hones por josulation of some water of the water of the water of the water of the souls of the so lot for misl (ni-ibn a 209) FAA: 2 nish; hr. a rifline borg. Iv. mill. 3:1-1V Bully ma: culm place of 3-4 m & black nother Plato: bew a dolog large -Estach e 64 Les type of n'you', in Jone flores Elonging to compine elaface but the mo bounti rea?

Left. 12 79-243 & Boundage some los gratery Sontonin pure, tollected in the undering) I have ely giving at elge I will in ipply forest be I flat patiety innere. The to be an + bul with, as little, and no fine some mode (les) one of the lateral bank formity looking like a thorm, i Brown wylenet trypically Bounters style: With and strongly dominat with I thickeled, as an oral bull, a reguested deal divergent from cylin in a wife duple, some few lang si coming at + level of the save of 10 one, and alo puring strending out

from paret are afternoon) Bulen enith sey thath was Dlyro? of. levery over Trees. Felovery Am producing processor at Am, Rio Negro, Ilha and of leaf is plum. Tamakquare, tamotherum No new south fout mean toute Isabel to Rio Vegro (Tapuruguara) no floto. FAA; he a some postal Jump un beautiful toll forst, sine, pointe 'ijajo' no bulls ? bully: out fine & brown sentwelly periodically invide ich please. tel. tall objected gulles, afulant, goding as any Pariene ato chamen there The season was the season with Thought some with with and the second second and alternating diverget and have in my problem to one sile a the offe and a colorings of the ( as the one of collected from Land Land Harte, all O. spenley.). fundl. of several of, for the test to be a few to the terrilade and some (12?) Selow the provide the same of They are ending in Sup while of sphlling

NORA 254 K. 79-251 tejst. 12 follow Cot. BOLLSOLD RALL Boundary ? Hole, oplishes. Aldring of in secol ways I try flate, fig W. conglent. cooling the whole are belle sesut ful dinting southing top to potally ones 12 515 my, lean of and clinky ors trees. Couling strate with thick walls, it the and the same of the same nother what interesde action of the second tech lest in the A and derituous Mode lule internets smooth Typical bowhere howh a suplement no fine Carried Land Land ven, Dip (menons 4) The state of the s I leaf conglement with lang a + wide lies storle The state of the s Assent in toll fort, and the same of the same Transtia ) ja spop in Jarge is land

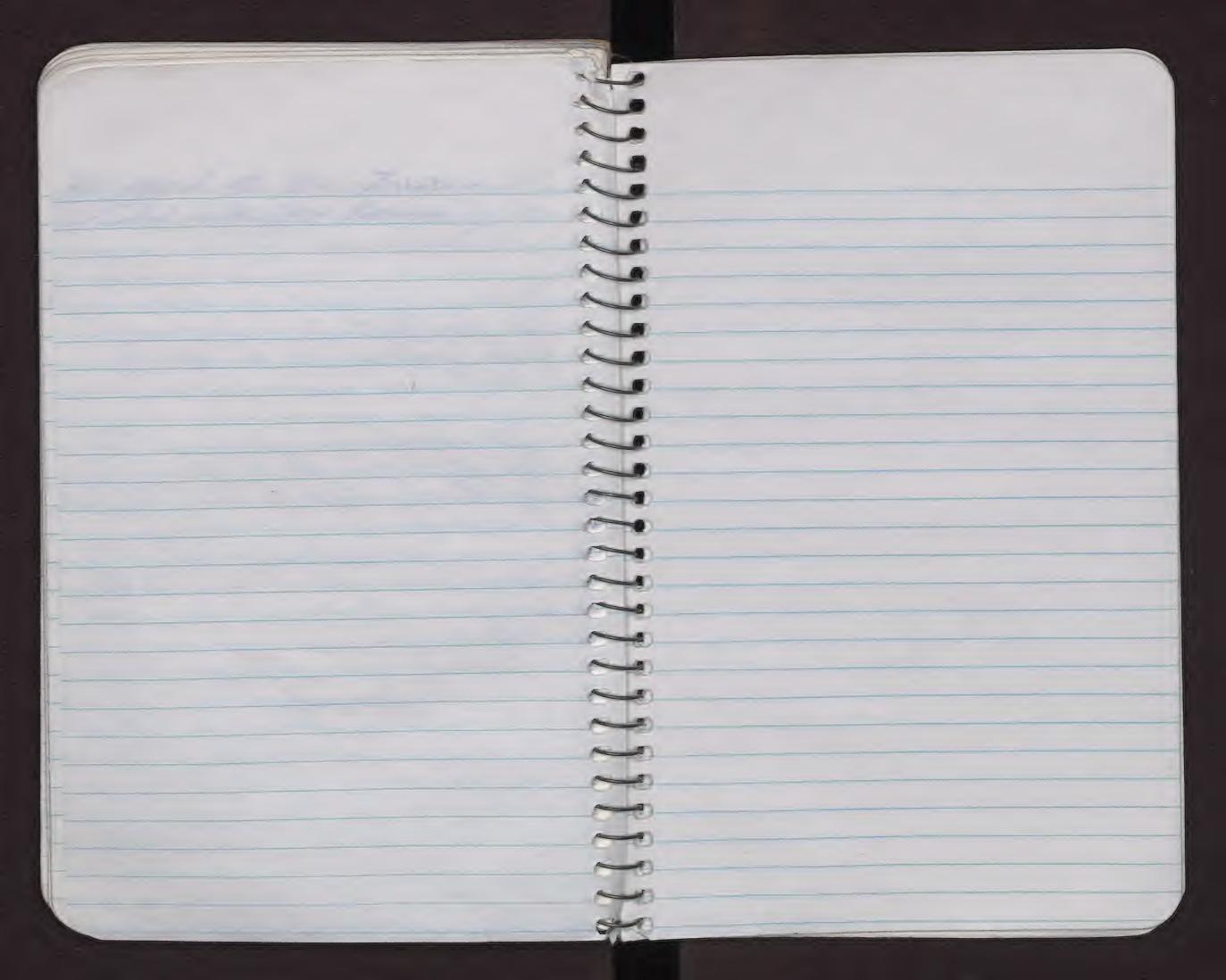
No 1686\_ AA: U- og bulky moderial culm pieces 

May 15 2492 Reverva Duke, near Manaus, - Pariana I juring resitered un vouin forst Jew ihr flower; the inflorenceise grow poduced in a reparted Pairand 2493

Francisco from tack, pares of hard abudant Hard few in flower.

17ting two stunder coleded with
2494 Alexander, Reserve Duke, mean Manaus. Pival my fodice Swingsalan the with not too colerted with fore Rames. 2495 Johnstus? growing in rain forest, reas

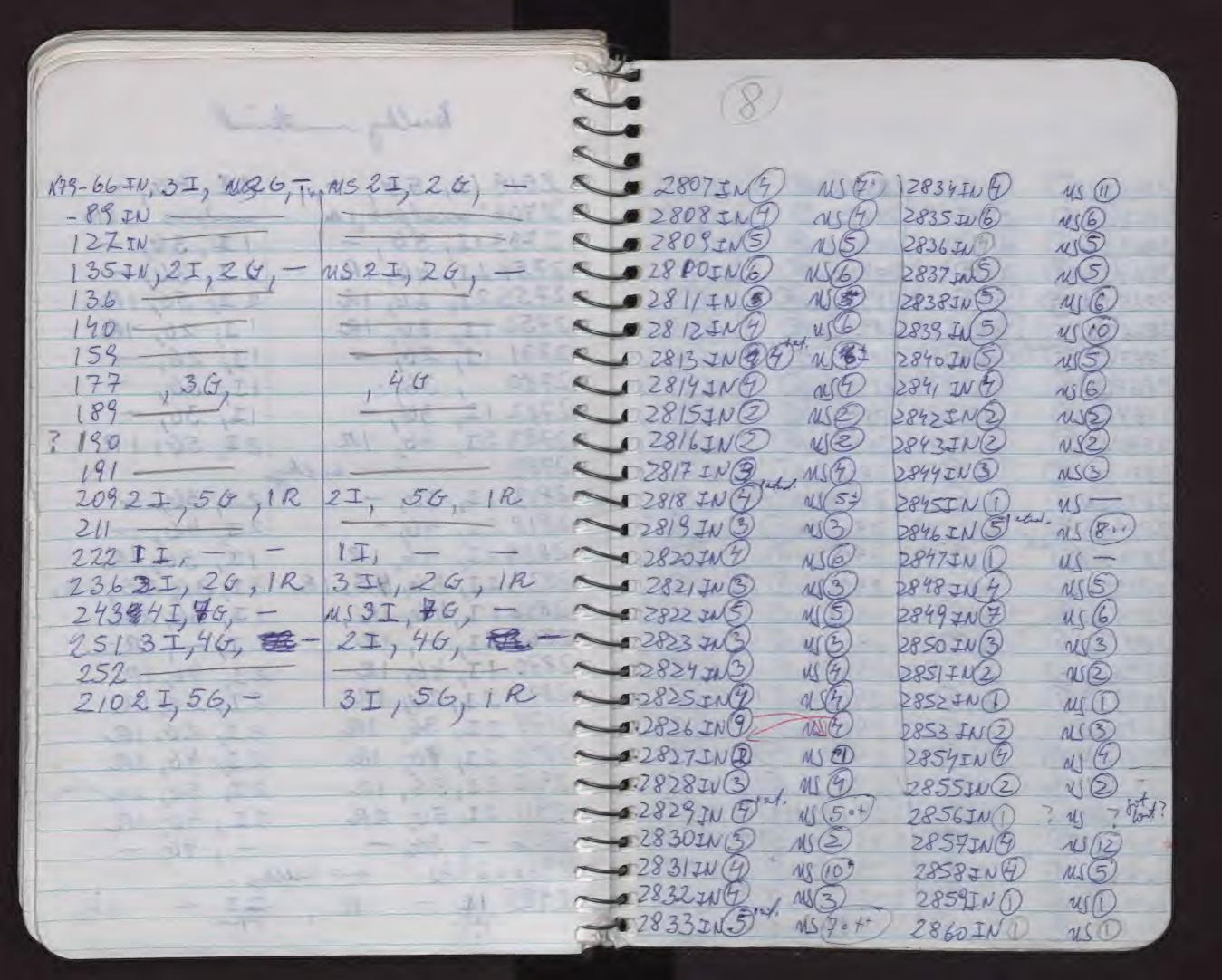
(whether you'rang) 2 44 5 2899



2492 - Pariana (woomanino 2494 Pirene sy police er pré Rams 2 2495 Jehna Phan? 0 9 S

## bulky material

-	2519 II, 56, -	2I.46 -
~	■ "2706" secrol pieces 1 A	2I, 4G, - seculpiers, 3R
	27331I, 34, -	II,34,-
	2754 2I, 4G, 1R	21,34,-
	27552I, 6G, IR	2 I, 5G, IR
	02756 II, 3G, IR	11, 24, 12
~	12771 II, 26, -	11, 26, -
	12780, 36,	II, 36, -
	12782 15, 34, -	15, 36, -
	12783 3I, 4G, 1R	3I, 5G, IR
	12784 no bulky	03904110
	12813 II, 36, -	21,36,-
	1281821, 46,-	21,46,-
	2829 II, 46, IR	1I, 3G, 1R
~	- 28332I, 36, \$5, IR	3I, 3G, 25, 1R
	= 2846 II, 46, IR,	1 I, 36, 2R
	-28672I, -, IR	2I, -, IR
	-2870 II, 44, IR	2I, 46, IR
	2873 2I, 26, 1R	2I, 26,1R
~	2874 2I, 3G, 1R	2I, 2G, IR
	-2894 2I, 4G, IR	2I, 4G, 1R
	2910 2I, 56, IR	2 I, 5G, 20 chies
	1.2911 2I, 5G, 2R	2I, 46, 1R
	1.2926 - 3/4 -	- 46 -
	5.2966×2970 no bul	by.
		3I - IR
	12 100 HE - IR	paper 110
199	William .	

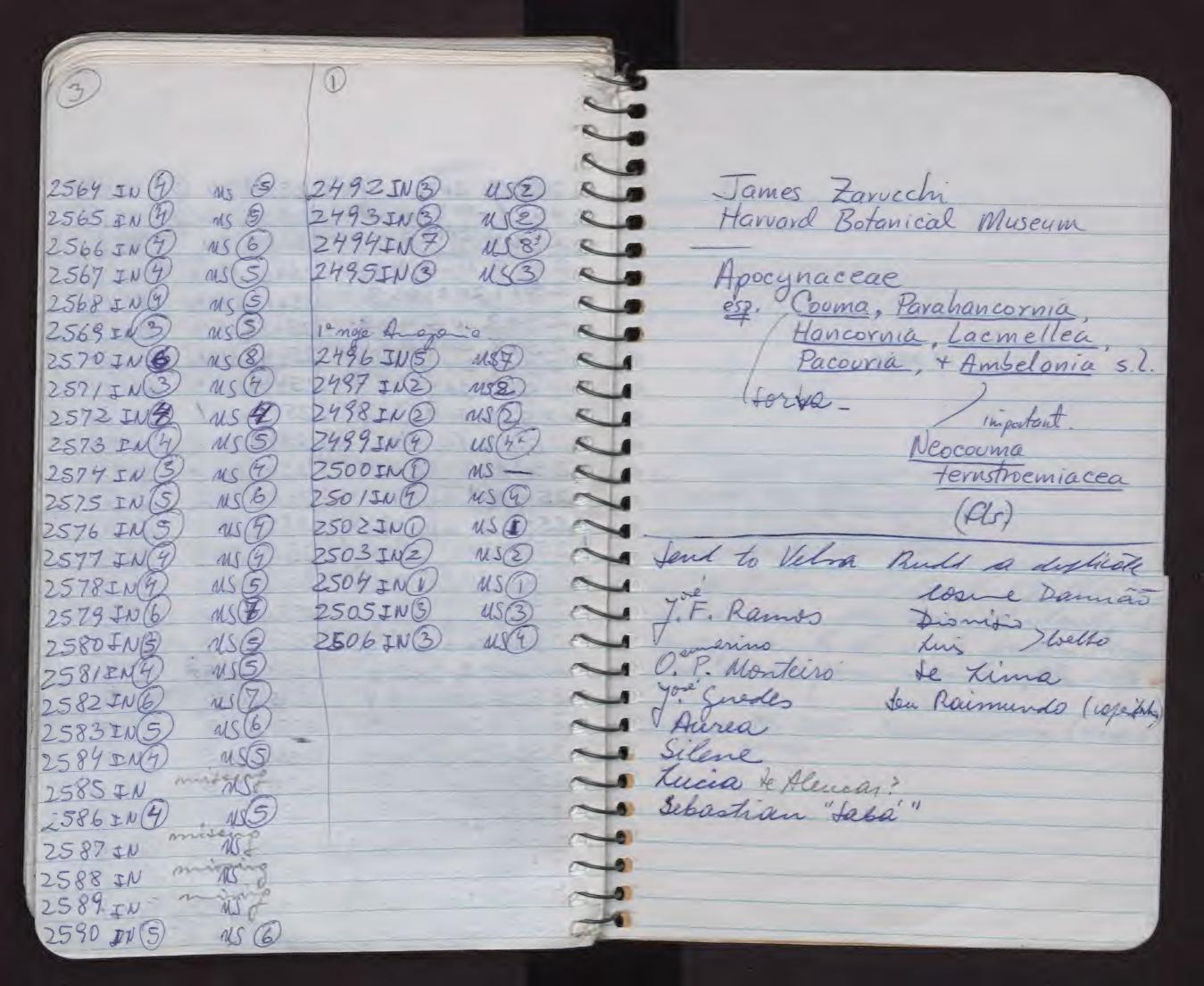


2915 IND 2942 JND 7888 IND 42 us ( 286/ IN(6) NSE US (E) MSO 2943 IN(1) 2889IN (3) 29/6 #U(E) NS (S) W -MS D 2862 IN O W -23445N D 5230IN (D) NS6 2917 IN (1) 11 2 2863 IN(Z) MJ(5) 2345 ING 45 MSO MS(4) = 2918 INED 2891 IN 3 2864IN(5) 155 2946 ING) = 2919 IN(4) NJ(S) 2892INB MS(9) 456 2865 I NE us(S) 2893IN3 115 2947 ING 1156 (E) NE 0262 MJ (53 2866 IN 53 2948 INS 11/3 1 2921 JUS NS 115(83) 2894IN(5) 2867 IN 5 War 115(6) J 2922 INB 146 NS MS(S) 2895 ING) 2868 (W3) 心里 2923 IN(3) 2950IN(5) 2895IN (1) MS(6) 2869 IN (1) My D MS NJ(5) MS(bot MS (II) 2924ING 295/5NG 2897 ING NJ(4) 2870 IN (5) 2925IN(3) ME 113 MS3 2898 IND NS 2952 JNS 2871 IN 2 NSS us (7) 2899INO 45 (1) 2926 IN (5) NO BOY 2953 JMS 45 145(3) 1156 12927 INS) 2954 INS 1119:1 2900 IN(2) 2873=105 2874 JUS 12X 283 1328 FN 9 uso 似(天) 2955IN(D) 290/IN 3 2929+15 456 2956 IN (1) 2902 IN (9) NUG als ny 2875 IND NIG 483 € 2830 ANG 2957 INS) 2903 IN 3 NJ 5 NJG 2876 IN (3) Ny (5) ~ 2931 JUG 2958542 115 2904 ING MI 2877 IN E 115 2932309 NSE 2959 Ju (5) 45 2905 INS 015(3) 2878IN(3) 12933INS NUS(6) W2. MA 2960 Ju (2) 2906 ING MSO 2879 IN C NJ (5) MSG -1.2934 JW(3) 296/JN4 143 2907 INC 115 2 2880IN @ ~ 2935 IN (B) MSS NUF 2962719 11(3) 2908 IN(2) MS C 288/IN 1.2936ING W6 2963 JN (1) W87 NO 2909 ING W(5) 10 IN Byet. 2882 IN 1156 1.2937 WS NJ(8=) 2964 IN(4) 45 MS(7) 2883 IN(3) ING W. 1156 2965 JUS) 415 MJ 6-7 1153 2884 IN(2) 2939 IN(4 2966 IN 5)4. 1156 NSO NJ 63 MSE 2885 IN O 115 2967 IN(3) 11/2 NUE IND 2913 NS(5) 2886 INE 2941IN E) 2968 INS NSS 12 IND 115(3) 2887 IN (3)

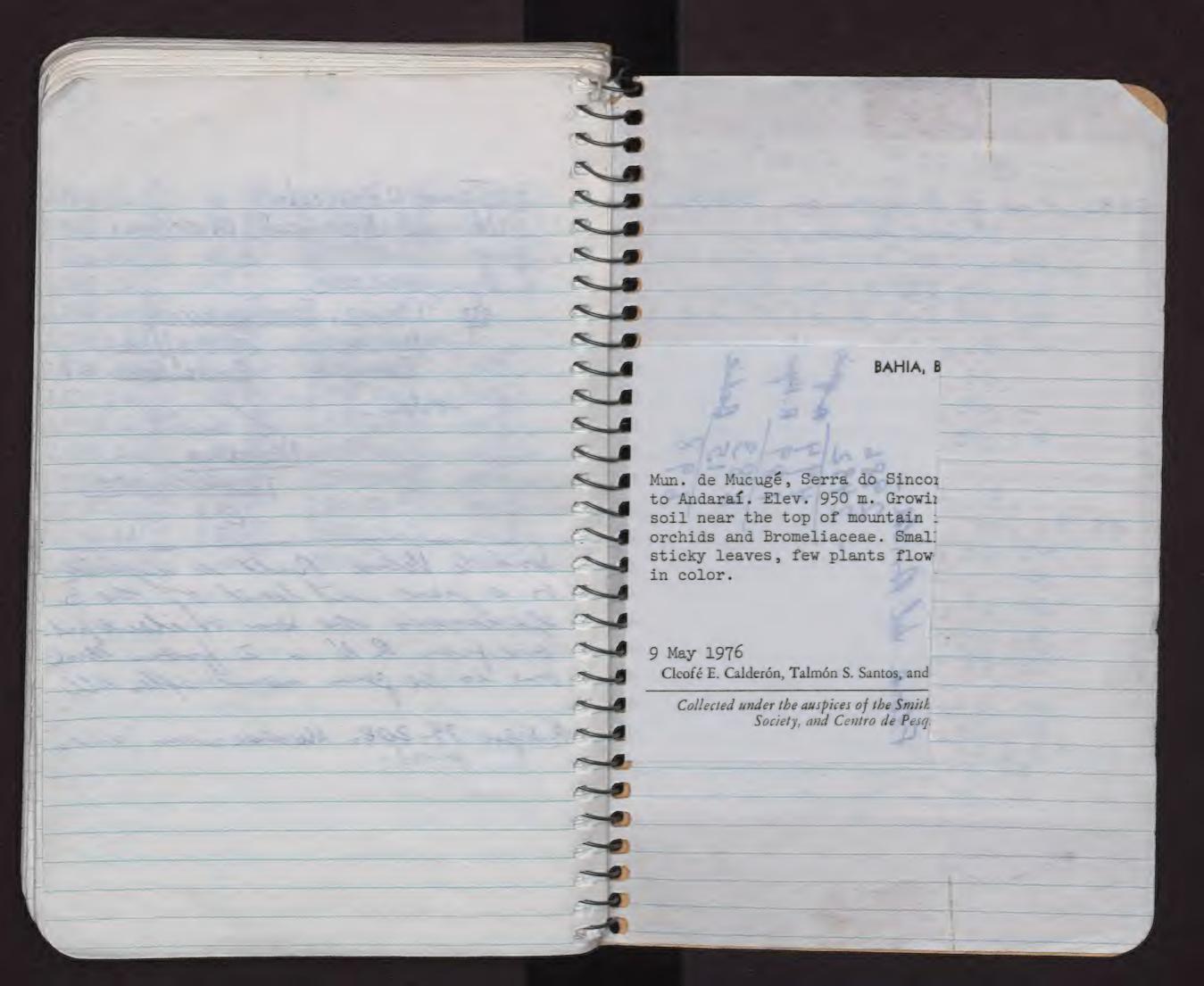
felaginelle, entre moter 2591 INB 2963IND MSB 2618 IN (3) us (2) 11-188INS)124. MS(5-6=) 2870 IN 95 NS(92) 2582 IN 9 MS(5) 2619 IN (4) MS(S) 11-190 IN(4) ×10 115 MS(5-) 2971 ING MS (2) 2620 IN (9) 2583 INI) 155 NJ 6 2972IN(7) MS(52) 11-191 INB 2594 IN 3 NS(4) 2621 IN (3) NSQ 11-209 IN(5) ex 2973 INS W6) MS 63 2595IN(F) 15 (2) 2622 IN (1) NS (1) 1-211JUS) X-B 15623 IN (1) 2974 JND 410 US 7-1 MS O 1-22ZJN(5) 715 NS 12624ENS) MS 2975 IN3 NS (6) 11\_236 INSTATE 11(3) MX 8+ 29765NB 2598JN(3) 145(5) NS6 2625 IN(3) 11 243 ING) 48 2977 ING 115 M5(=5) 2599 IN(1) MS -2626 IN D MSQ 11 251 INS) 12/3 2978IN(6) N/5 113 (64) MS (2) 2600 IN(2) 2627 IN (1) MS -MICI 2979 IN (1) US(6) MS(E) 260 IIN(4) MJ(5) 2628 IN (S) 45(3) 2980ING US(5) 2602 ING 2629 IN (2) NSE 2981 JW (3) MSE (total years willets - 42 2603 IN(5) ns(6) 2630 IN(2) MS(2) 2982 Ju 3 MS KK mas (189) 2604ZNY MS(9) 263 IIN 3 us (5) 2983 JUI 115-2605 IN(2) MS(2)2632 IN(2) us (3) MSE) 2606 JN (1) 2633 IN 3 US (3) 2985ING) 2tulo MS 63 2607 IN (1) NS 36 2634 INE (7) 145(2) 2608 IN (5) 2986502 2635 IN 5 16 MSS 2609 IN(5) MSS 259 2636 JN (3) - 36/0 JN (5) NS6 2637 IN(3) MS(3) - 2611 SN(2) K79-66 IN(3)3 115(5) 2638 IN (3) MS(3) 145(4) 11-89 ING/12. 52612 IN(3) MS(5) 2639 IN(4) 1457 1450 - 26/3INA 115 2640 SN (1) MS (1) MS (5-6) 11-127 IN 7/1/6 5.2614 IN(D) 2641EN(9) MS(2) NS(5) n - 135 IN(5) MS (6) - 2615IN() MS(D) 2642 IN(9) 2616 IN(3) 155 2643 IN (0) NS CE 2617INB 2644 IN (4)

2699 JN (F) 2645 IN () 115 NSE 2672 JNB NS (6) 2726 Ju (3) 453 2646 INS) rus (6) 145(3) 2673 IN(2) 2700 EN3 MS & 2727 JNG NS (6) 455 2647 IN & 2674 JN (1) NS NS (F) 270/JU3 2728 July NS (S) 43 4 t MSDIN 2648 JU 2675 JNG 2702 ING) NS (3) 2729 JNS NJ6 VS-(2) 2649 IN(2) ME NS (B) 2676 JN2 2703 INB NS(F) 2730 JN(3) 118 (5) 2650 IN(1) 150 US 3 2704 IN(3) 2677 IN( NSE 273/1/5 as 3 2678 IN 3 2651 IN (3) rus(2) \$ 2705[ND 115(2) NS(4) 2732 JN(3) MS(5) 2679 INB 2652 IN(2) 115(2 ~ 2706IN\$3 NJ BY 2733 ANY NSE 4 2680 FNB 2653 ING MSI \$ 2707 IN(3) Winet 2734IM4) 1156 2654 IN (3) 115 267/ IN 3 MS (9) \$2708 JUS) MS (5) W (F) 2735 JUS 1453 155 2655IN 2682 IN (9) NSS 2709 IN (3) W 3 2736 IN(4) 1152 2683 IN (2) 2656IN(3) 115(2) us 3 US P 2710 IN 3 2737 IN (3) 2684 IN(4) 2657 IN (4) NS 3 NS5 14(3) 2711 INB) 2738 IN B 115 453 2685 IN(4) NS(5) 2658IN(4) 2712 FN(5) 2739 IN (F) 415 MSD NS3) 2686 IN(2) 2713 IN 66 2659 IN 1 1156 2740 IN(2) u(3) US 3 2687 IN(4) ALS TO 2660 IN ( 2714 IN 3 115 274/ IN(2) N(2) 加牙 2688 IN(3) = 2715 IN (B)4) 2661 IN 2 NJ (S) 2742 ING) NS(6) M(5) 2689 IN (5) 27/6 IN \$5-6 115(3) NS (6) 2662 IN (3) 2743 IMT 145(5) 2690 IN missing of ? MS (1) 2717 ING NSG 2663 IN(1) 2744 IN(2) NS(2) 115 ~ 2718 3N3 2691 ING MS 1153 2664 IN 2745IN3 NJ(3) 153 115 2719 IN(3) 2692719 143(5) 2665 IN C 2746 IN(4) MS (6) 2720 IN(Y) WG) 2693 INS 1136 2666 INC 2747 JUB NJ3 NS 3 52721 JMS 2694 IN (3) 14/6 2748 IN 5) 115 6 2667 IN = 2722 JN(3) NE MS(3) 2695IN(3) 2749 DN 2 15 Fam. weep. 2668 IN (3) 32723 IN(4) MS (6) 2696 JNG) NJ 6 2669 IN US-2750 IN(1) as (1) 52724 IN 32 MI & E (4) 11(5) 275/IND 2697 IN3 2670 IN (5) 965 MS 2725 IN 3 NUF 1156 NS(S) JM4 (3) 2752 INS 267/IN

2508-IN 72 MS 18537 IN 2508-IN 72 MS 18537 IN ME 2780 Ju 5 2753 INU US (78) US (3) 2754 IN (9) 2538, IN 3 N us C 2509 INPA 3 2510 IN-2, USZ 2755 JN (5) Milos 2782 Jus MSCZ 2539, IN 2756 IN 5 18th 2783 IN (5) MX 73 NS 6 30+ 2540 IN(9) MS (4) 2511 IN 2, 7153 NS (53) 2757INS) NSE 2784 IN 3 2541 ING MS (4) NS(S) 11(5) 2758 ING 2785 JUS 2542 IN MS 2513 INTIMSO 2514 IN 3) NS W 2759 IN(3) 143 2786 IN (9 NSS 2543 IN (1) (2) 115 MSE) 2760ING 2787 IN (5) MY9 MSCY 2544 IN G 515 IN4 276/ IN(4) W (4) 2788IN(2) 11/3 2545 IN C 2516 FUR NS(3) 2789 ING 11(8) 145(3) 2762 IN Pariana mu 2546 IN 3 NS 3 MS 3 = NOA 2547 IN 3 454 NJ (S) 2763 IN(3) 2790 IN(2 25.18 -IN3) 115 (3) 2519 5 H , MS, SOF NSE 1156 2791 IN3 2764 JW3 X 2548 IN (5) 115 6 11/8 MG 2765IN(S 15 (Y) 2549 IN 4 JN, 3+ May + N3(4) W3 2521 IND' MS 2766 IN 3 2550 ING NS 3 MGG 2767IN(2) NSE 2794 IN3 us(5) 255/ IN (4) 965 (5) 115 NE 2768 IN 3 NS (5) 2552 IN (9) 2796 JM(1) 2769 JNB NSE MSID 715 (S) 25255N3 US 3 2553 IN 2797 IN3 11(9) NS(S) \$ 2526 Jy 4 NS 4 2554 IN (8)4) FUGG THE 2798 IN(1) 11 -2555 FN (4) 2799 INE 145 NJ B 1 2528 ING 2772 JUD 2556 IN (5) N(9) NS/6 2773 IN(F) 2800IN(8 IN(4) 2557 IN (5) 45(7) 2801715 25 30 ING, MS3 us 5 WS (B) 25.58 IN 3 2774 IN 2531 IN3 MS 2802 IN 5 115 2559 IN (V NS (3) 2775 IND MJ (5) NS.(5) 2803 IN 2560 JN 9 2776 NS 6 1(5) 2804 52534 MS(5) 25 61 JULY 21 (1) als (3) 2805 IN 2 2562 IN (3) -2536,IND 2563 IN (5) (5) MSE



James Zarucchi MS (S) 2492 IN (3) US(Z) 2564 IN (4) Harvard Botanical Museum 115 9 2493INB 11(2) 2565 IN (4) 2494INF MS 83 MS (6) 2566 IN (4) 115(3) 2495IN3 Apocynaceae aus (5) 2567 IN(4) ess. Couma, Pavahancornia MS (5) 2568 IN(4) Hancornia, Laemellea us(5) 1º nige Anagonia. 2569 = (3) NS (8) 2496 JU(5) M87) Pacouria, + Ambelonia s.l. 2570 IN(6) MS (4) 2487 INZ MS(2) 257/IN(3) (forba\_ important 2498 IN(2) MS(2) as (2) 2572 INB 2499 IN(9) us(4+) Neocouma NS(5) 2573 IN(4) ternstruemiacea MS & 2500 IN(1) MS -2574 IN (3) MSQ NS(B) 250/IN(9) 2575 IN(5) us (I) 2502JND W(F) 2576 IMS, NS(2) Sent to Velva Bull a displicate 2503 INZ) 115(9) 2577 IN(4) or a peu , at least of the 3 A. Nigro: 79-208. Machaerium (rende



Flora del Anila -2986 - 2492 2496, 1° no of Amagonian collection "2706" (mot Manaus) 27331

25191I,56,-V 2I,46,-27331I,36,-V1I,36,-27542I, 44, IR\$ 2I, 36, 40 -27552I,6G, 1RV2II,5G, 1R 2756 1I,3G, 1RV II,2G, 1R 2771 II,2G, - V II,2G, -2782 II,36, - VII, 36, -27833I,\$6, IR V 3I,\$6, IR 2813 II, 36, - V 2I, 36, -2833 2I, 3645 | RV 3I, 36, 1 R, 25 2846 | II, 46, 1 R V II, 36, 2 R 2867 2I, -, 1 R V 2I, -, 1 R 2867 2I, -, IR V 2I, -, IR 2870 II, 46, IR V 2I, 46, 1R 2873 2I, 26, IR V 2I, 26, IR 2829 II, 46, IR V II, 36, IR 2818 2I, 46, - V 2I, 46, IR 2874 2I, 36, IRV 2I, 26, IR 2874 2I, 36, IRV 2I, 46, IR 2910 2I, 56, 2R, V 2I, 46, IR 2910 2I, 56, 2R, V 2I, 46, IR 2926 -, 36, - V -, 46, -

## G - IDENTIFICAÇÃO DOS RESPONSÁVEIS PELA I

RESPONSÁVEL	DIRETO:	MA. SIL	vin de	MENDONO
				Nome
LOCAL:	INPA			
COORDENADOR	SUB-REGION	AL:		
				Nome
LOCAL:				
COORDENADOR	REGIONAL: _			
				Nome
LOCAL:				
				14-14-1

H - OBSERVAÇÕES

2496, 1° no of Amagonian collection (not Manaus)

